

(No Model.)

H. GATIE, Jr.
WINDOW SHADE OR CURTAIN FIXTURE.

No. 540,355.

Patented June 4, 1895.

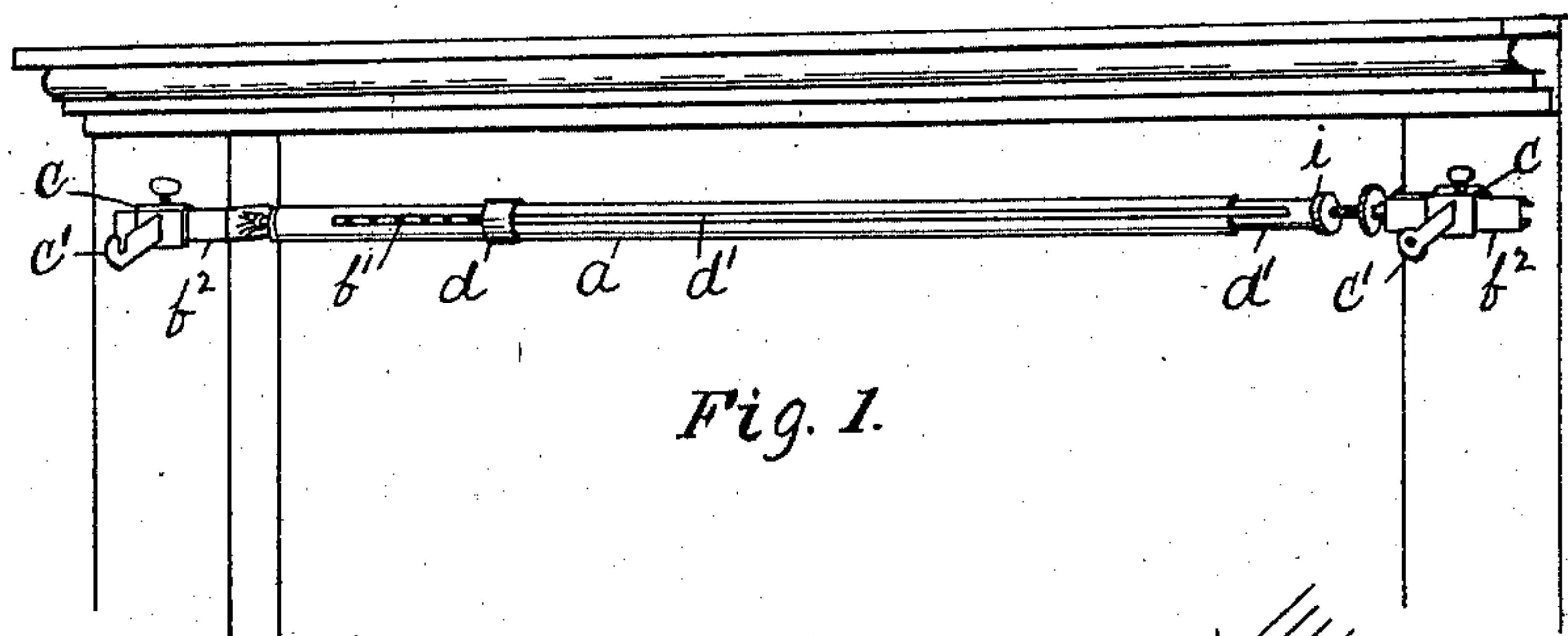


Fig. 1.

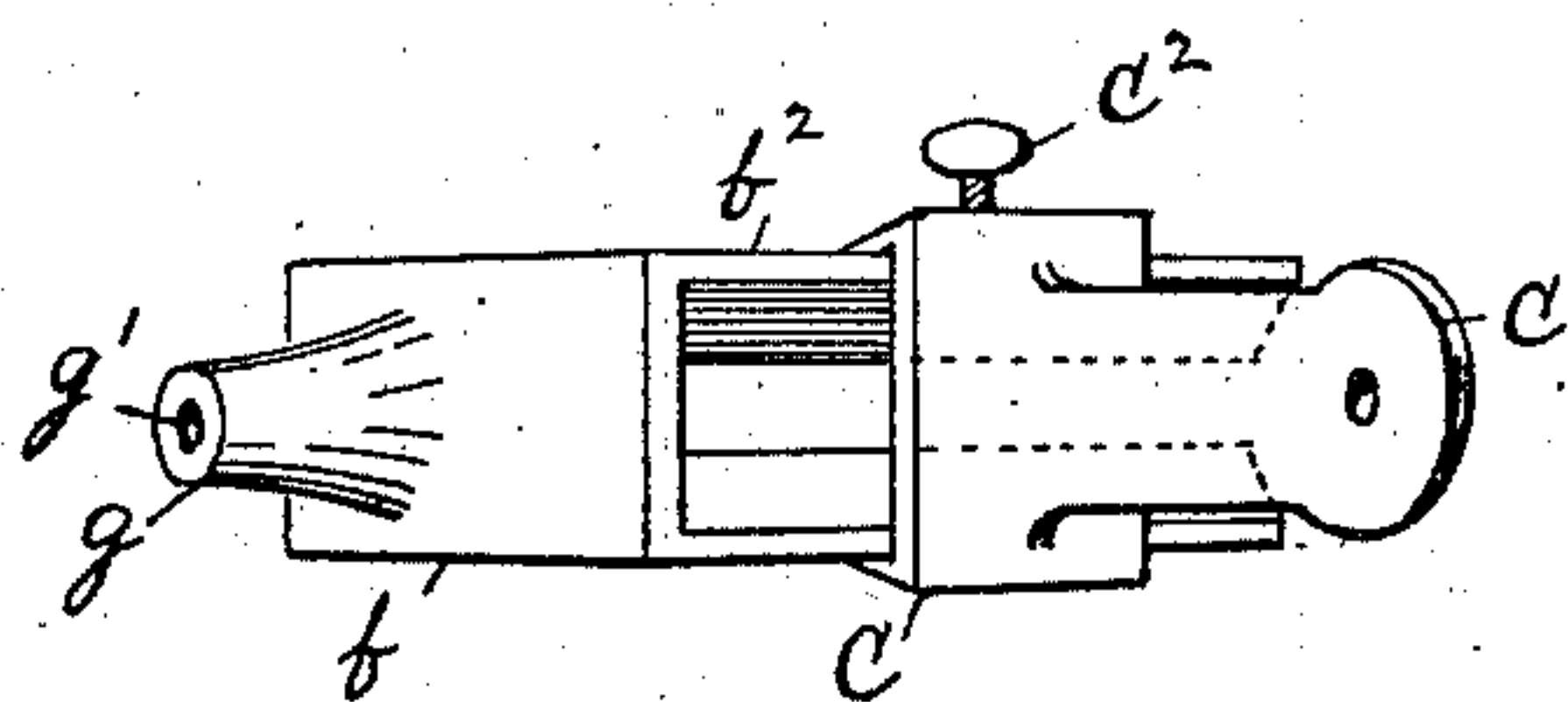


Fig. 3.

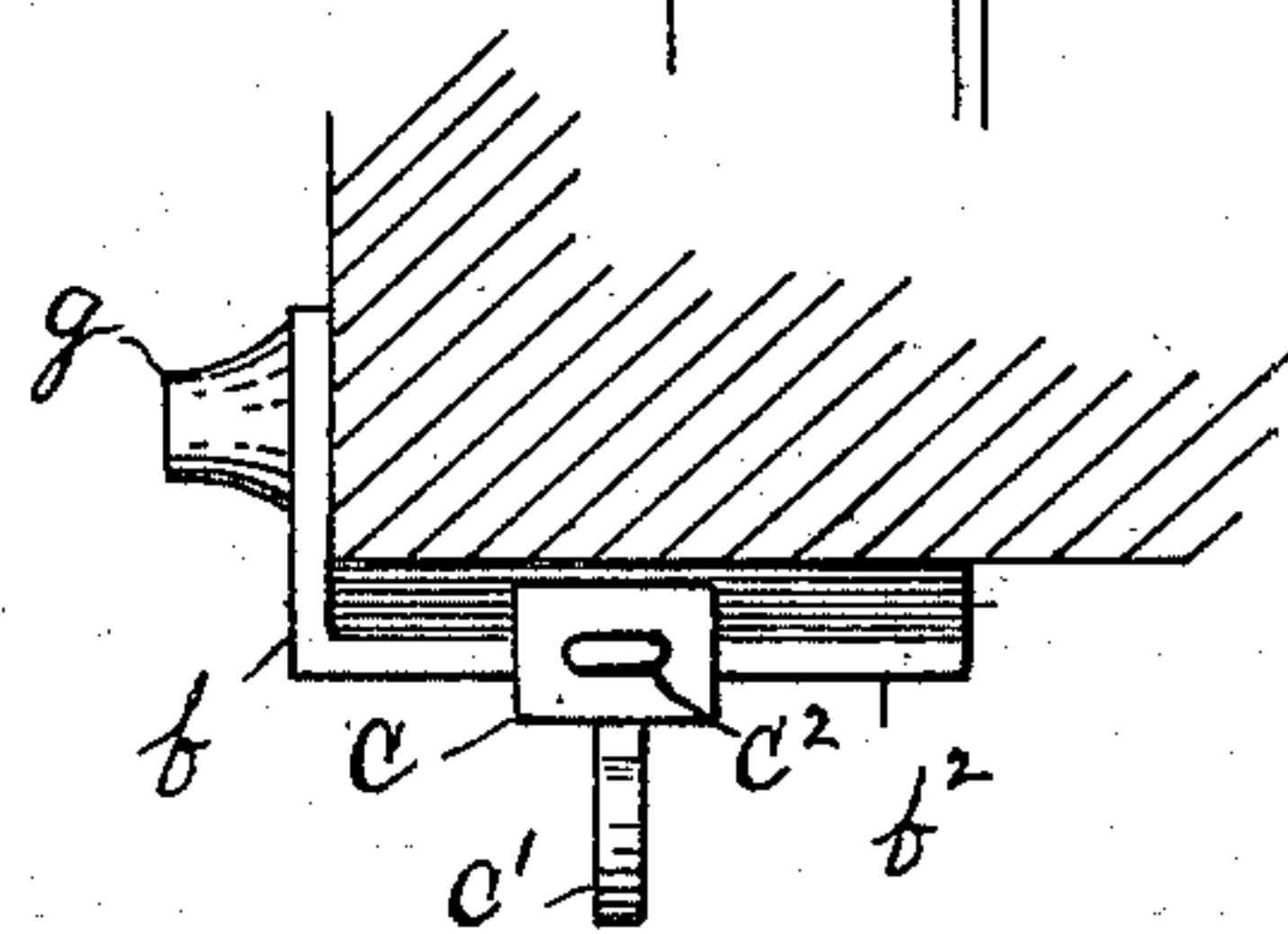


Fig. 2.

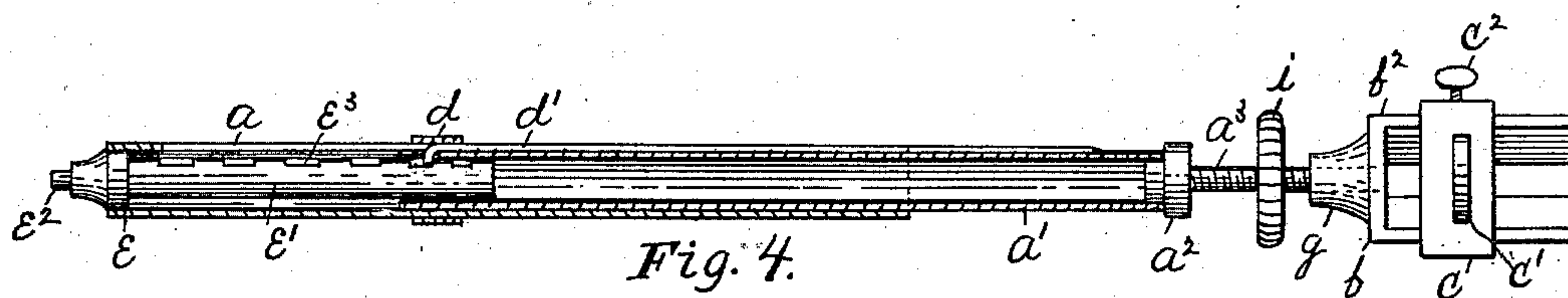


Fig. 4.

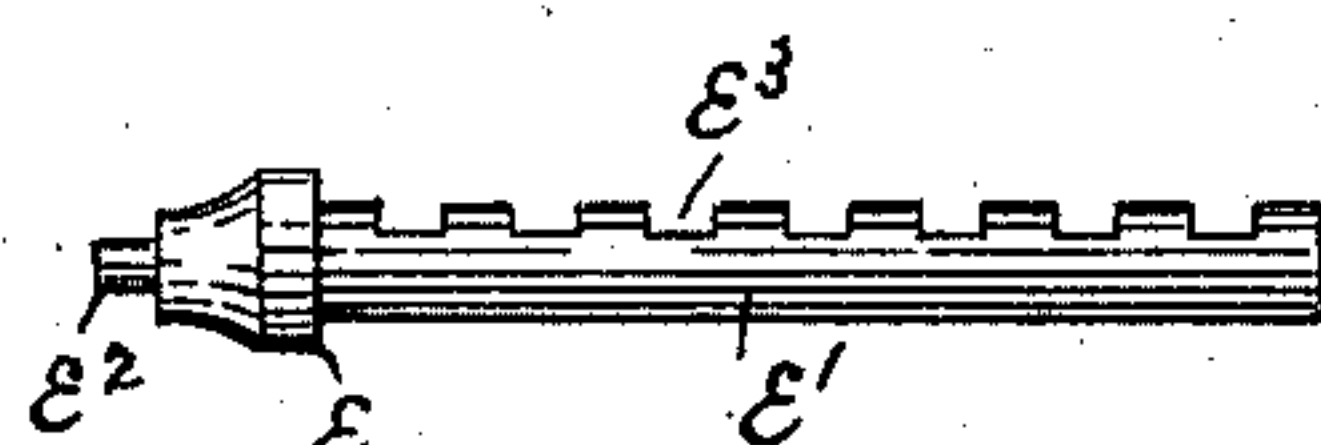


Fig. 6.

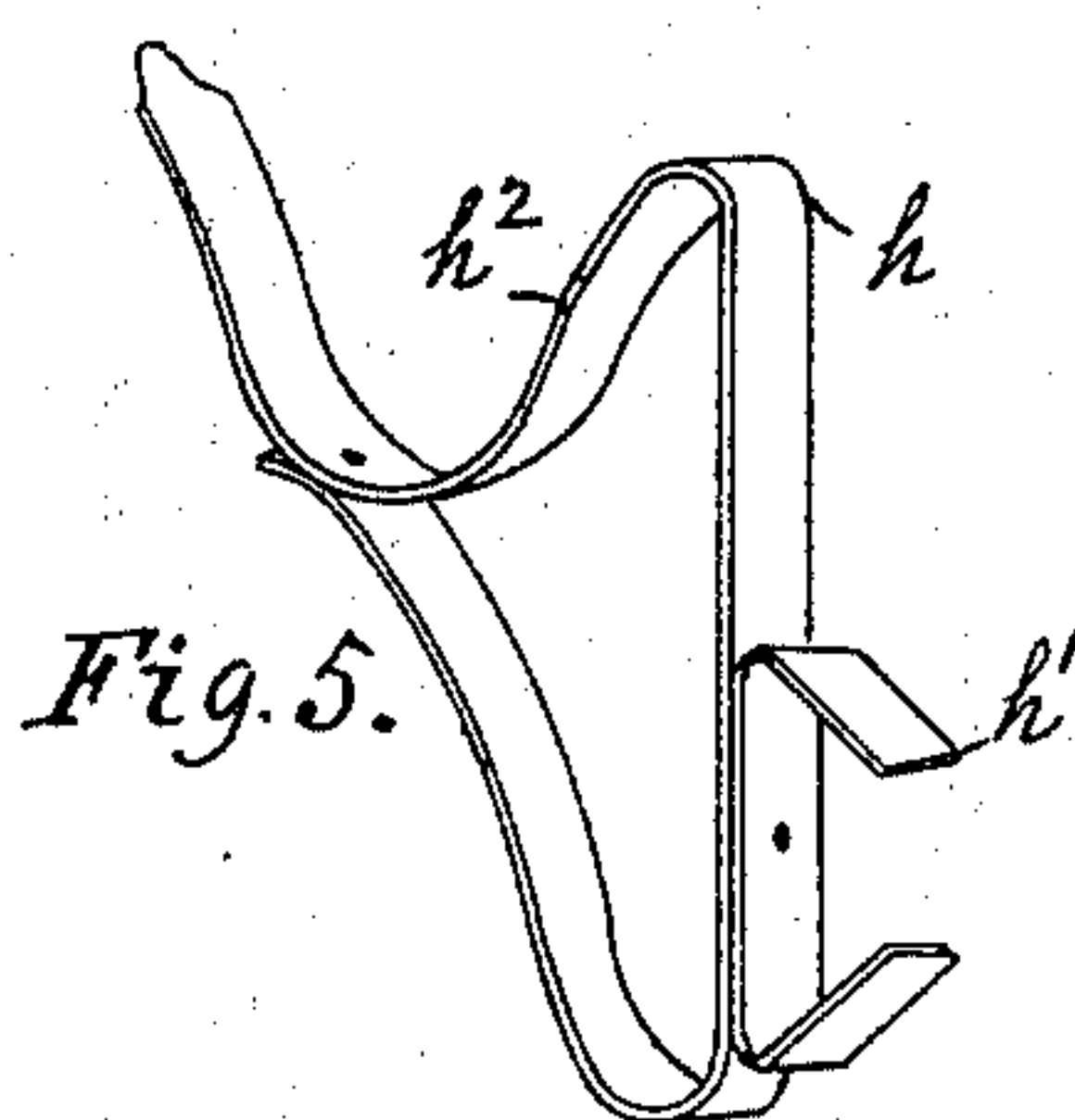


Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

HENRY GATIE, JR., OF NEW BEDFORD, MASSACHUSETTS.

WINDOW SHADE AND CURTAIN FIXTURE.

SPECIFICATION forming part of Letters Patent No. 540,355, dated June 4, 1895.

Application filed March 25, 1895. Serial No. 543,068. (No model.)

To all whom it may concern:

Be it known that I, HENRY GATIE, Jr., a citizen of the United States, residing at New Bedford, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Window Shade and Curtain Fixtures, of which the following is a specification.

The accompanying drawings illustrate my invention, in which—

Figure 1 is a view of my invention applied to a window-casing. Fig. 2 is a top view of one of the shade and curtain brackets. Fig. 3 is a view in perspective of the same. Fig. 4 is an enlarged view, partly in section, showing the construction of the extension-rod which holds the shade and curtain brackets in position. Fig. 5 is a view in perspective of one of the brackets which support the pole on which the curtain-rings slide. Fig. 6 is a view showing in detail a part of the extension-rod.

Similar letters refer to similar parts in the several views.

The letter *a*, indicates a tube, having a narrow longitudinal slot *b'*, extending from one end, to nearly its whole length.

e, indicates a rod, secured in the outer end of the tube *a*, having a reduced portion *e'*, provided with notches *e³*, extending within the tube *a*, and having its outer end provided with the bearing *e²*.

a', indicates a tube, adapted to slide within the tube *a*, having the plug *a²*, secured in its outer end, and provided with the screw threaded rod *a³*. To one side of the tube *a'*, and near its outer end, is secured the spring wire *d'*, having its free end bent downward, so as to pass through a hole in the tube *a'*, immediately under said end, and enter one of the notches *e³*, in the rod *e'*.

d, indicates a ring, adapted to slide on the tube *a*, and hold the bent end of the spring *d'*, in engagement with the notches *e³*.

i, indicates a washer, screw-threaded to fit the rod *a³*.

b, indicates a bracket, having the slides *b²*, and the boss *g*, said boss, having the perforation *g'*, adapted to receive the rod *a³*.

c, indicates a shade bracket, adapted to be adjusted on the slides *b²*, and clamped in po-

sition, by the screw *c²*, and provided with the projection *c'*, having a bearing for the end of the shade rod.

h, indicates a curtain pole bracket, having the clip *h'*, adapted to be adjusted on the slides *b²*, outside of the shade brackets *c*.

In operation, the extension rod, is adjusted to the width of the window, by sliding the ring *d*, off from the spring catch *d'*, and then sliding the tube *a'*, into, or drawing it out of, the tube *a*, the required distance, when the ring *d*, is pushed over the spring catch *d'*, which locks it in position. The brackets *b*, are now adjusted, one, on the bearing *e²*, and the other, on the end of the rod *a³*, and the whole is placed in the desired position on the window casing. The washer *i*, is then turned on the screw-threaded rod *a³*, until it bears firmly against the end of the boss *g*, which motion, presses the brackets *b*, against the inside of the window casing, and secures them firmly in position. The shade brackets *c*, are then adjusted on the slides *b²*, to accommodate the width of the shade, and clamped by the thumb-screws *c²*. The curtain pole brackets *h*, are then adjusted on the slides *b²*, outside of the shade brackets *c*, and the curtain pole, laid in the curve *h²*.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a window shade and curtain fixture, an extension rod, consisting of a tube, having a narrow longitudinal slot extending from one end to nearly its whole length; a rod, secured in the outer end of said tube, having a reduced portion provided with notches extending within said tube, and having its outer end provided with a bearing; a tube adapted to slide within said slotted tube, having a plug secured in its outer end, provided with a screw threaded rod extending outwardly and longitudinally therefrom, and having a spring wire secured to its side, adapted to lie in the slot of the outer tube, and having its free end bent downward and adapted to catch in the notches of the rod secured in the end of the outer tube, when pressed downward; a ring, adapted to slide on said outer tube, and hold said spring in engagement with said notches; and a screw threaded washer adapted to turn

on the screw-threaded rod projecting from the end of said inner tube; as, and for the purpose, shown and described.

2. In a window shade and curtain fixture,
5 in combination with an extension rod adapted to be adjusted and retain its position between the casings of a window, by pressure exerted by its mechanism longitudinally of said rod;
10 a window shade and curtain bracket, consisting of the part *b*, having the boss *g*, adapted

to receive the end of the extension rod, and the slides *b*², the shade brackets *c*, adapted to be adjusted and clamped on said slides, and the curtain pole brackets *h*, adapted to be adjusted on said slides, outside of said brackets, 15 all as shown and described.

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Witnesses:

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